

XP-002178467

AN - 1993-216994 [27]

A - [001] 014 04- 045 062 220 221 226 231 273 308 309 316 341 342 400 44&  
46& 465 47& 473 477 48- 506 509 623 627 628 721 725

AP - JP19910309593 19911126

CPY - MATW

DC - A21 A85 L03

DR - 0278-U 1264-U 5202-U

FS - CPI

IC - C08L63/00

KS - 0034 0208 0224 0231 1282 1373 2020 2212 2285 2297 2300 2318 2319 2491  
2492 2551 2728 2740

MC - A05-A01B1 A08-D01 A12-E07A A12-M L03-H04E1

PA - (MATW ) MATSUSHITA ELECTRIC WORKS LTD

PN - JP5140419 A 19930608 DW199327 C08L63/00 004pp

PR - JP19910309593 19911126

XA - C1993-096602

XIC - C08L-063/00

AB - J05140419 The compsn. comprises a curing agent and an inorganic ion-exchange material blended with an epoxy resin.

- ADVANTAGE - The compsn. improves poor insulation caused by electrolytic corrosion or CAF.

- In an example, a 50 g of 1:1 mixed solvent of DMF and methylcellosolve with 2.0 g of dicyandiamide in advance was added to 100 g of bisphenol A-type bromided epoxy resin, 0.1 g of 2-ethyl imidazole was mixed, an 3 g of inorganic ion exchange material of "IXE-300" (RTM) was added and dispersed to form a varnish. The varnish was impregnated in a 0.1 mm thick cloth, dried for 5 minutes at 150 deg. C to form a prepreg, 8 of the prepregs were laminated, sandwiched by 18 microns thick Cu foils, press moulded by 40 kg/sq.cm of pressure at 170 deg. C for 90 minutes to form a 0.8 micron thick Cu cladde laminate having improved character(Dwg.0/1)

IW - POLYEPOXIDE RESIN COMPOSITION PRINT CIRCUIT PLATE CONTAIN CURE AGENT  
INORGANIC ION EXCHANGE BLEND RESIN IMPROVE POOR INSULATE CAUSE  
ELECTROLYTIC CORROSION

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INORGANIC ION EXCHANGE BLEND RESIN IMPROVE POOR INSULATE CAUSE  
ELECTROLYTIC CORROSION

NC - 001

OPD - 1991-11-26

ORD - 1993-06-08

PAW - (MATW ) MATSUSHITA ELECTRIC WORKS LTD

TI - Epoxy] resin compsn. for print circuit plate - contains curing agent and inorganic ion-exchange blended with the resin to improve poor insulation caused by electrolytic corrosion